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Docket No.: SON-2013  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Shigeo Tagami

Application No.: 09/782,166 ✓

Confirmation No.: 8338

Filed: February 14, 2001

Art Unit: 2631

For: A DIGITAL SIGNAL PROCESSING  
DEVICE AND A METHOD AND A DELTA-  
SIGMA MODULATOR USING THE SAME  
METHOD

Examiner: P. M. Phu

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith on Form PTO-1449 or PTO/SB/08 is a listing of Yoshio Yamazaki, "AD/DA Converter and Digital Filter," Journal of the Acoustical Society of Japan 46, No. 3 (1990): pp. 251-257 ("the Yamazaki reference") known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 C.F.R. §1.56.

A copy of the Yamazaki reference has been previously listed within the Information Disclosure Statement of December 16, 2003. However, the Office Action of June 17, 2004 indicates that the Yamazaki reference had not been considered due to the absence of an English translation of the reference.

In response, 37 C.F.R. §1.98 (a)(3)(i) provides that the concise explanation of the relevance may be either separate from applicant's specification or incorporated therein. Please note that pages 1-4 of the specification as originally filed include a concise explanation of the relevance of the Yamazaki reference. Accordingly, the submission of the Yamazaki reference by the Information Disclosure Statement filed on December 16, 2003 is compliant with the

content requirements of 37 C.F.R. §1.98 and the requirements, and the time of filing the statement of 37 C.F.R. §1.97.

M.P.E.P. §609C(2) provides that the information contained in information disclosure statements which comply with both the content requirements of 37 C.F.R. §1.98 and the requirements, based on the time of filing the statement, of 37 C.F.R. §1.97 will be considered by the examiner. In this regard, the submission of the Yamazaki reference by the Information Disclosure Statement filed on December 16, 2003 has complied with both the content requirements of 37 C.F.R. §1.98 and the requirements, based on the time of filing the statement, of 37 C.F.R. §1.97.

Accordingly, consideration by the Examiner of the Yamazaki reference is deemed appropriate and is respectfully requested.

In addition, M.P.E.P. §609A(3) further provides that no concise explanation is required if a complete translation of the information into English is submitted with the non-English language information, and that there is no requirement for the translation to be verified. For the convenience of the Examiner, also submitted herewith on Form PTO-1449 or PTO/SB/08 is an unverified translation of the Yamazaki reference.

Pursuant to 37 C.F.R. §§1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the Yamazaki reference listed on the attached PTO/SB/08. Applicant respectfully requests that the Yamazaki reference be considered by the Examiner, be formally be made of record in the present application, and appear among the “References Cited” on any patent to issue therefrom.

It is further respectfully requested that an initialed copy of Form PTO-1449 or PTO/SB/08 be returned in accordance with MPEP §609.

In accordance with 37 C.F.R. §1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 C.F.R. §1.56(a) exists. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any

patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 C.F.R. §1.98 and the Examiner is respectfully requested to consider the listed references.

Because a copy of the Yamazaki reference has been previously listed within the Information Disclosure Statement of December 16, 2003, the Patent Office is NOT AUTHORIZED to charge deposit account 18-0013 under 37 C.F.R. §§1.97(c)(2) and 1.17(p).

Dated: March 14, 2005

Respectfully submitted,

By \_\_\_\_\_  
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Substitute for form 1449A/B/PTO				<i>Complete If Known</i>	
				Application Number	09/782,166-Conf. #8338
				Filing Date	February 14, 2001
				First Named Inventor	Shigeo Tagami
				Art Unit	2631
				Examiner Name	P. M. Phu
Sheet	1	of	1	Attorney Docket Number	SON-2013

<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<b>NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
	CA	"AD/DA Converter and Digital Filter" The Journal of the Acoustical Society of Japan, Vol. 46, No. 3 (1990), (Yoshio Yamazaki-Science and Engineering Laboratory, Waseda University)			

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Examiner Signature		Date Considered	
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